Index of Claims

| Applicat | ion | /Con | trol | No. |
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10/665,916

Examiner

Suryaprabha Chunduru

Applicant(s)/Patent under Reexamination

FRIEDLANDER ET AL.

Art Unit

1637

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim      |          |          |          |                 |                    |                         |   | Claim Date |      |       |          |          |                   |          |  | Claim Date              |  |   |          |        |       |          |   | _          |          |   |        |          |          |           |          |
|----------|----------|----------|----------|----------|-----------------|--------------------|-------------------------|---|------------|------|-------|----------|----------|-------------------|----------|--|-------------------------|--|---|----------|--------|-------|----------|---|------------|----------|---|--------|----------|----------|-----------|----------|
|          | <u> </u> | 11sto    | 3        |          | T               |                    |                         |   |            |      |       | <u>a</u> |          | T                 | T        | T  | Τ                       |  |   |          |        |       | ष        |   |            |          |   |        |          |          |           | - 1      |
| Final    | Original | 1        | *        |          |                 |                    |                         |   |            |      | Final | Original |          |                   |          |  |                         |  |   |          |        | Final | Original |   |            |          |   |        |          | . 1      |           | - 1      |
| ਛੋਂ      | iğ.      | 3        | *        |          |                 |                    |                         |   | 1          |      | iĒ ;  | Öriç     |          |                   |          | -  |                         |  |   |          |        | 证     | Ę        |   |            |          |   |        |          |          |           |          |
|          | U        | Ü        | <u> </u> |          |                 |                    |                         |   |            |      |       |          | Ш        |                   | Ц        | $\perp$  |                         |  |   | L.       |        |       |          |   |            |          |   |        |          | $\perp$  | $\dashv$  | ┙        |
|          | 1        | 4        |          |          |                 | $\perp$            |                         |   |            |      |       | 51       |          |                   | ┙        | $\perp$  | $\perp$                 | $\perp$  | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ | ┖        |        |       | 101      |   | Ш          |          | . |        |          | ┙        |           |          |
|          | 2        |          |          |          |                 |                    |                         |   |            |      |       | 52       |          |                   |          |  |                         |  |   |          |        |       | 102      |   |            |          |   |        |          |          | $\perp$   | ╝        |
|          | 3        |          |          |          |                 |                    |                         |   |            |      |       | 53       |          |                   |          |  |                         |  |   |          |        |       | 103      |   |            |          |   |        |          |          |           |          |
|          | 4        |          |          |          |                 |                    |                         |   |            |      |       | 54       |          |                   |          |  |                         |  |   |          |        |       | 104      |   |            |          |   |        |          | $\Box$   | $ \bot $  |          |
|          | 5        |          |          |          |                 |                    |                         |   |            |      |       | 55       |          |                   |          |  |                         |  |   |          |        |       | 105      |   |            |          |   |        |          | $\perp$  | $ \bot $  | ╝        |
|          | 6        | Ц        |          |          |                 | $\perp$            | $\perp$                 |   |            |      |       | 56       |          |                   | $\perp$  | $\perp$  |                         | $\perp$  | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ | ┖        |        |       | 106      |   |            |          |   |        |          | ┙        |           |          |
| L        | 7        |          |          |          |                 | $\perp$            | _                       |   |            |      |       | 57       |          | $\perp$           | ᆚ        |  |                         | ┸  |   |          |        |       | 107      |   | Ш          | _        |   | $\Box$ |          | $\Box$   |           | _        |
|          | 8        | Ц        |          |          |                 |                    |                         |   |            |      |       | 58       |          |                   | $\perp$  | $\perp$  |                         |  |   |          |        |       | 108      |   |            |          |   |        |          | _        | $\perp$   | _        |
|          | 9        |          |          |          |                 |                    |                         |   |            |      |       | 59       |          |                   |          |  |                         |  |   |          |        |       | 109      |   |            |          |   |        |          | $\Box$   | $\perp$   | _]       |
|          | 10       | 7        |          |          |                 |                    |                         |   |            |      |       | 60       |          |                   |          |  |                         |  |   | L        |        |       | 110      |   |            |          |   |        |          |          |           |          |
|          | 11       | Ĺ        | $\Box$   |          |                 | $oxed{\mathbb{I}}$ | ⅃                       | $oldsymbol{\mathbb{L}}$                           |            |      |       | 61       | Ш        | $\Box$            |          | $oxed{I}$                                      |                         | Ţ  |   | L        |        |       | 111      |   |            |          |   |        |          |          |           |          |
|          | 12       |          |          |          |                 |                    |                         |   |            |      |       | 62       |          |                   |          | $oxed{\Box}$                                   |                         |  |   |          |        | L     | 112      |   |            |          |   |        |          | $\Box$   | $\Box$    | $\Box$   |
|          | 13       |          |          |          | $\Box$          | $oxed{oxed}$       | $oldsymbol{\mathbb{I}}$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |            |      |       | 63       |          | $\Box \mathbb{I}$ | $\Box$   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$ | $oldsymbol{\mathbb{I}}$ | $oldsymbol{\mathbb{L}}$  |   | Ĺ        |        |       | 113      |   |            |          |   |        |          |          |           |          |
|          | 14       |          |          |          |                 | $\prod$            | $oxed{\Gamma}$          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |            |      |       | 64       |          |                   |          | $\Box$   |                         | $oldsymbol{\mathbb{L}}$  |   | $\Box$   |        |       | 114      |   |            |          |   |        |          |          | $\Box$    |          |
|          | 15       |          |          |          |                 | $\Box$             | floor                   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |            |      |       | 65       |          | $\Box$            |          |  | $oxed{\Box}$            | $oldsymbol{ol}}}}}}}}}}}}}}$ |   |          | ]      |       | 115      |   |            |          |   |        |          |          |           |          |
|          | 16       |          |          |          |                 | $\Box \Gamma$      |                         |   |            |      |       | 66       |          | $oxed{T}$         | $\Box$   | T  | $\Box$                  |  | $\prod$   | $L^{-}$  |        |       | 116      |   |            |          |   |        |          |          | $\Box$    |          |
|          | 17       |          |          |          |                 |                    |                         | $\int$  | $\prod$    |      |       | 67       |          |                   |          |  |                         | $I^{-}$  | $oxed{\Box}$  | $\Box$   |        |       | 117      |   |            |          |   |        |          | J        | $\Box$    |          |
|          | 18       | Г        |          |          |                 |                    |                         |   |            |      |       | 68       | П        |                   |          | T  |                         |  | П   | П        |        |       | 118      |   | П          |          |   |        |          | П        |           | $\neg$   |
|          | 19       | Γ        | Т        |          |                 |                    |                         | $\neg$  |            |      |       | 69       | П        |                   |          | 丁  | T                       | $\top$   | Т   | Π        |        |       | 119      |   | П          |          |   |        |          | П        | $\neg$    | $\neg$   |
|          | 20       | Γ        | 1        |          |                 | T                  | $\top$                  | T   |            |      |       | 70       | П        | T                 | T        | 十  | 十                       | 1  | 1   | Τ        |        |       | 120      |   |            |          |   |        |          |          |           | コ        |
|          | 21       | Г        |          |          |                 |                    |                         | T   |            |      |       | 71       | П        | Ì                 | Î        |  | 1                       | $\top$   | 1   | Γ        |        |       | 121      |   | П          |          |   |        |          | $\Box$   | $\exists$ | $\neg$   |
|          | 22       | Г        | T        |          |                 | T                  | $\top$                  | 丁   | 1          |      |       | 72       | П        |                   | T        | 十  | T                       | 1  | 1   | Τ        |        |       | 122      |   |            |          |   |        |          | T        |           | コ        |
|          | 23       |          |          |          |                 |                    | T                       | T   | T          |      |       | 73       | П        |                   |          | Т  | T                       | T  |   |          |        |       | 123      |   | П          |          |   |        |          | П        | $\neg$    | $\neg$   |
|          | 24       | Г        |          |          |                 |                    | 1                       |   | 1          |      |       | 74       |          |                   | $\dashv$ | T  | $\top$                  | 1  | Ť   |          |        |       | 124      |   |            |          |   |        |          | T        | $\exists$ | $\neg$   |
|          | 25       |          | T        |          |                 | T                  | $\top$                  |   | 1          |      |       | 75       | П        |                   | T        | T  | 十                       | T  | 1   | Τ        |        |       | 125      |   |            |          |   |        |          | $\neg$   | コ         | $\neg$   |
|          | 26       | Г        | İ        |          |                 |                    | $\top$                  |   | 1          |      |       | 76       | П        |                   | $\dashv$ | T  | $\dashv$                | 十  | 1   | Т        | 1      |       | 126      |   |            |          |   |        |          | T        |           | $\neg$   |
|          | 27       |          | T        |          |                 |                    | $\top$                  |   | 1          | 1    |       | 77       | П        |                   |          | 十  | $\top$                  | 丅  | 1   | Т        |        |       | 127      |   | П          |          |   |        |          | $\neg$   | $\exists$ | $\neg$   |
|          | 28       |          |          |          |                 |                    |                         |   | 1          |      |       | 78       | Ħ        |                   |          | T  |                         | $\top$   | 1   | Т        | 1      |       | 128      |   |            |          |   |        |          |          |           | $\neg$   |
|          | 29       |          | İ        |          |                 |                    |                         |   |            |      |       | 79       |          |                   |          | 1  | T                       | ┪  | 1   | Π        |        |       | 129      |   |            |          |   |        |          |          | ヿ         | ╗        |
|          | 30       | Г        | T        |          |                 | T                  |                         | 十   | 1          |      |       | 80       | П        | T                 | T        | 十  | T                       | $\top$   | _   | ┰        | 1      |       | 130      |   | П          |          |   |        |          | $\Box$   | ヿ         | ╗        |
| <u> </u> | 31       |          | †        |          | $\neg$          | $\dashv$           | 1                       | 十   | 1          |      |       | 81       | П        | T                 | T        | 十  | 1                       | $\top$   | +-  | 一        | 1      |       | 131      |   |            | -        |   |        |          |          | ヿ         | ╗        |
|          | 32       |          | T        |          |                 | $\top$             | T                       | 十   | 1          |      |       | 82       | П        | T                 | 1        | 十  | T                       | 1  | T   | Π        |        |       | 132      |   | П          |          |   |        | $\neg$   | $\Box$   | $\dashv$  | ヿ        |
|          | 33       |          | T        |          | $\top$          | $\top$             | $\top$                  | $\top$  | 1          |      |       | 83       | П        | $\dashv$          | $\neg$   | $\top$   |                         |  | 1   | T        |        |       | 133      |   | $\Box$     |          |   | П      |          | 一        | ヿ         | ヿ        |
|          | 34       |          | 1        |          | 1               | 1                  | 1                       | $\top$  | 1          |      |       | 84       | П        | 7                 | 十        | $\neg$   | 丁                       | $\top$   | T   | T        |        |       | 134      |   | П          |          |   | П      |          | $\dashv$ | $\dashv$  | ヿ        |
|          | 35       | Γ        | 1        |          | $\neg \uparrow$ | $\neg$             | 十                       | _ _   | 1          | 1    |       | 85       | П        | T                 | 寸        | $\top$   | $\top$                  | $\top$   | T   | Τ        | 1      |       | 135      |   | П          |          |   | П      |          | $\sqcap$ | ヿ         | ヿ        |
|          | 36       |          | 1        |          | T               | 十                  | T                       | $\top$  | 1          | 1    |       | 86       | П        | T                 | 寸        | $\top$   | 1                       | 1  |   | Т        | 1      |       | 136      |   |            |          |   | $\Box$ |          | $\Box$   | $\dashv$  | $\neg$   |
|          | 37       |          |          |          |                 | $\dashv$           | $\top$                  | $\top$  |            |      |       | 87       | П        | $\exists$         | $\top$   | $\neg$   | $\neg \vdash$           | $\top$   | $\top$  | Т        | 1      |       | 137      |   | П          |          |   | П      |          | $\dashv$ | $\dashv$  | ヿ        |
|          | 38       | Γ        | T        |          | $\Box$          | $\top$             | $\top$                  | $\top$  | 1          |      |       | 88       | $\Box$   |                   | 丁        | 十  | 7                       | $\top$   | 1   | 1        | 1::::  |       | 138      |   | П          |          |   |        |          | $\dashv$ | $\dashv$  | ヿ        |
|          | 39       | Γ        | T        |          | $\dashv$        | $\top$             |                         | $\top$  |            | 1    |       | 89       | $\Box$   |                   | 丁        | $\neg$   | $\neg$                  | $\top$   | 1   | Τ        | 1::::: |       | 139      |   | $\Box$     |          |   | П      |          | $\neg$   | $\neg$    | $\neg$   |
|          | 40       | Γ        | T        |          | $\dashv$        | $\top$             | T                       | $\top$  | $\top$     | 1    |       | 90       | П        |                   | $\top$   | T  | 十                       | 丁  | 1   |          | 1      |       | 140      |   | П          |          |   |        |          | $\Box$   | $\neg$    | ヿ        |
|          | 41       |          |          |          | T               | $\top$             | T                       | $\top$  |            |      |       | 91       | П        | 7                 | $\top$   | 1  | $\top$                  | $\top$   | T   |          |        |       | 141      |   | $\Box$     |          |   |        |          |          | $\exists$ | $\Box$   |
|          | 42       | Γ        | 1        |          | $\top$          | _                  | 十                       | $\top$  | 1          |      |       | 92       | $\Box$   | 7                 | $\top$   | 十  | 十                       | 丁  | T   | 1        |        |       | 142      |   | П          |          |   | П      |          |          | $\neg$    | $\neg$   |
|          | 43       | Г        | T        | П        | $\sqcap$        | $\neg$             | $\top$                  | $\top$  |            |      |       | 93       |          |                   | $\neg$   | 十  | 十                       | 7  | 1   | 1        |        |       | 143      |   | П          |          |   | П      |          | $\neg$   | $\dashv$  | $\neg$   |
|          | 44       | Г        | 1        |          |                 | $\neg$             | $\dashv$                | _   | _          |      |       | 94       |          | 丁                 | 寸        | 十  | 十                       | $\top$   | 1   |          | 1      |       | 144      |   | П          |          |   | П      |          | $\neg$   | $\dashv$  | ヿ        |
|          | 45       | Т        | T        | Г        | $\dashv$        | $\dashv$           | _                       | -1-   | 1          |      |       | 95       | $\Box$   | 1                 | $\dashv$ | 十  | +                       | 1  | 1   |          |        |       | 145      |   | $\vdash$   |          |   | П      |          |          | $\neg$    | $\neg$   |
|          | 46       | Г        | $t^-$    |          | $\vdash$        | -                  | +                       | +   | †          |      |       | 96       | H        | 7                 | $\dashv$ | $\top$   | 十                       | +  | $\top$  | Т        |        |       | 146      |   | $  \neg  $ | $\neg$   |   | Н      | $\vdash$ | $\neg$   | $\neg$    | $\dashv$ |
|          | 47       | $\vdash$ | T        |          | $\dashv$        | $\top$             | +                       | $\top$  | +-         |      |       | 97       | $\vdash$ | 7                 | 十        | 十  | 十                       | 十  | T   | 1        |        |       | 147      | - | $\vdash$   | $\neg$   |   | Н      |          | $\dashv$ | $\neg$    | $\dashv$ |
|          | 48       | 1        | T        | $\vdash$ | $\dashv$        | +                  | 十                       | +   | $\top$     |      |       | 98       | $\vdash$ | $\dashv$          | $\dashv$ | $\top$   | $\top$                  | $\top$   | +   | T        |        |       | 148      |   | -          | -        |   | Н      |          | $\dashv$ | $\dashv$  | ᅱ        |
| $\vdash$ | 49       | $\vdash$ | T        | $\vdash$ | -               | $\dashv$           | +                       | +   | +          |      |       | 99       | $\vdash$ | $\dashv$          | $\dashv$ | +  | 十                       | +  | +   | T        |        |       | 149      |   | $\vdash$   | $\dashv$ |   | Н      | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$ |
| <b></b>  | 50       | $\vdash$ | $t^-$    | $\vdash$ | $\dashv$        |                    | +                       | +   | +          |      |       | 100      |          | $\dashv$          | $\dashv$ | $\dashv$                                       | $\dashv$                | +  | +   | $\vdash$ |        |       | 150      |   | -          | $\neg$   |   | Н      | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$ |
|          | 50       |          |          | Ц.       |                 |                    |                         |   |            | J::: |       |          |          |                   | _        |  |                         | _1_  |   |          | J      |       | , ,,,,,  |   | ш          |          |   |        |          |          | _         |          |